Marsel Z Shafikov

List of Publications by Year
in descending order

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32 papers	1,272 citations	430442 18 h-index	414034 32 g-index
33 all docs	33 docs citations	33 times ranked	1451 citing authors

#	Article	IF	Citations
1	Benzannulation of a ditopic ligand to afford mononuclear and dinuclear Ir(<scp>iii</scp>) complexes with intense phosphorescence: applications in singlet oxygen generation and bioimaging. Journal of Materials Chemistry C, 2022, 10, 1870-1877.	2.7	6
2	Ligand design and nuclearity variation towards dual emissive Pt(<scp>ii</scp>) complexes for singlet oxygen generation, dual channel bioimaging, and theranostics. Journal of Materials Chemistry C, 2022, 10, 5636-5647.	2.7	4
3	Extended ligand conjugation and dinuclearity as a route to efficient platinum-based near-infrared (NIR) triplet emitters and solution-processed NIR-OLEDs. Journal of Materials Chemistry C, 2021, 9, 127-135.	2.7	42
4	Non-Stereogenic Dinuclear Ir(III) Complex with a Molecular Rack Design to Afford Efficient Thermally Enhanced Red Emission. Inorganic Chemistry, 2021, 60, 1780-1789.	1.9	20
5	Liquid-crystalline TADF materials based on substituted carbazoles and terephthalonitrile. Journal of Materials Chemistry C, 2021, 9, 6528-6535.	2.7	9
6	Halide-Enhanced Spinâ€“Orbit Coupling and the Phosphorescence Rate in Ir(III) Complexes. Inorganic Chemistry, 2021, 60, 642-650.	1.9	21
7	Cyclometalation Geometry of the Bridging Ligand as a Tuning Tool for Photophysics of Dinuclear Ir(III) Complexes. Journal of Physical Chemistry C, 2021, 125, 20531-20537.	1.5	5
8	Dual emissive dinuclear Pt(<scp>ii</scp>) complexes and application to singlet oxygen generation. Journal of Materials Chemistry C, 2021, 9, 5808-5818.	2.7	10
9	Near Infrared Phosphorescent Dinuclear Ir(III) Complex Exhibiting Unusually Slow Intersystem Crossing and Dual Emissive Behavior. Journal of Physical Chemistry Letters, 2020, 11, 5849-5855.	2.1	27
10	An efficient heterodinuclear Ir(<scp>iii</scp>)/Pt(<scp>ii</scp>) complex: synthesis, photophysics and application in light-emitting electrochemical cells. Journal of Materials Chemistry C, 2019, 7, 10672-10682.	2.7	18
11	Unusually Fast Phosphorescence from Ir(III) Complexes via Dinuclear Molecular Design. Journal of Physical Chemistry Letters, 2019, 10, 7015-7024.	2.1	34
12	Can Coumarins Break Kashaâ€™s Rule?. Journal of Physical Chemistry Letters, 2019, 10, 6468-6471.	2.1	17
13	Ag(<scp>i</scp>) complex design affording intense phosphorescence with a landmark lifetime of over 100 milliseconds. Dalton Transactions, 2019, 48, 2802-2806.	1.6	30
14	Symmetry-Based Design Strategy for Unprecedentedly Fast Decaying Thermally Activated Delayed Fluorescence (TADF). Application to Dinuclear Cu(I) Compounds. Chemistry of Materials, 2019, 31, 4392-4404.	3.2	51
15	Dinuclear Design of a Pt(II) Complex Affording Highly Efficient Red Emission: Photophysical Properties and Application in Solution-Processible OLEDs. ACS Applied Materials & Interfaces, 2019, 11, 8182-8193.	4.0	67
16	Sky-blue thermally activated delayed fluorescence (TADF) based on Ag(<scp>i</scp>) complexes: strong solvation-induced emission enhancement. Inorganic Chemistry Frontiers, 2019, 6, 3168-3176.	3.0	43
17	Dinuclear Ag(I) Complex Designed for Highly Efficient Thermally Activated Delayed Fluorescence. Journal of Physical Chemistry Letters, 2018, 9, 702-709.	2.1	60
18	Design and synthesis of imidazoles linearly connected to carbocyclic and heterocyclic ringsviaa 1,2,3-triazole linker. Reactivity of Î²-azolyl enamines towards heteroaromatic azides. New Journal of Chemistry, 2018, 42, 7049-7059.	1.4	13

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19	Unexpected, photochemically induced activation of the tetrabutylammonium cation by hexachloroplatinate(<scp>iv</scp>). Chemical Communications, 2018, 54, 13682-13685.	2.2	5
20	Design Strategy for Ag(I)-Based Thermally Activated Delayed Fluorescence Reaching an Efficiency Breakthrough. Chemistry of Materials, 2017, 29, 1708-1715.	3.2	93
21	Tuning the Excimer Emission of Amphiphilic Platinum(II) Complexes Mediated by Phospholipid Vesicles. Inorganic Chemistry, 2017, 56, 4885-4897.	1.9	15
22	TADF Material Design: Photophysical Background and Case Studies Focusing on Cu^I and Ag^I Complexes. ChemPhysChem, 2017, 18, 3508-3535.	1.0	190
23	Thermally Activated Delayed Fluorescence from Ag(I) Complexes: A Route to 100% Quantum Yield at Unprecedentedly Short Decay Time. Inorganic Chemistry, 2017, 56, 13274-13285.	1.9	85
24	New 4,5-di(hetero)arylpyrimidines as sensing elements for detection of nitroaromatic explosives in vapor phase. Dyes and Pigments, 2017, 137, 360-371.	2.0	39
25	Synthesis and mesomorphism of modified 2,5-Di(4-dodecoxyphen-1-yl)-c-cyclopentene-pyridines. Liquid Crystals, 2017, 44, 705-712.	0.9	8
26	Mitochondria Targeting with Luminescent Rhenium(I) Complexes. Molecules, 2017, 22, 809.	1.7	23
27	Combined experimental and theoretical studies of regio- and stereoselectivity in reactions of Î²-isoxazolyl- and Î²-imidazolyl enamines with nitrile oxides. Beilstein Journal of Organic Chemistry, 2016, 12, 2390-2401.	1.3	6
28	Modulation of Intersystem Crossing Rate by Minor Ligand Modifications in Cyclometalated Platinum(II) Complexes. Inorganic Chemistry, 2016, 55, 7457-7466.	1.9	44
29	Mesomorphism and Photophysics of Some Metallomesogens Based on Hexasubstituted 2,2â€²:6â€², 2â€²â€²â€²â€Terpyridines. Chemistry - A European Journal, 2016, 22, 8215-8233.	1.7	31
30	Detection of nitroaromatic explosives by new Dâ€“Ï€â€“A sensing fluorophores on the basis of the pyrimidine scaffold. Analytical and Bioanalytical Chemistry, 2016, 408, 4093-4101.	1.9	49
31	Phosphorescence vs Fluorescence in Cyclometalated Platinum(II) and Iridium(III) Complexes of (Oligo)thienylpyridines. Inorganic Chemistry, 2011, 50, 3804-3815.	1.9	200
32	Synthesis of imidazolyl dithiocarbamates and their reactions with phenacyl bromides. Russian Chemical Bulletin, 2011, 60, 882-888.	0.4	1